



Environmental Bulletin

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from the Savannah River Site

Fact Sheet Available for A-Area Miscellaneous Rubble Pile

The United States Department of Energy, United States Environmental Protection Agency, and South Carolina Department of Health and Environmental Control announce the completion of the final design of the remedy selected for the A-Area Miscellaneous Rubble Pile Operable Unit (ARP OU) and the availability of a Pre-construction Fact Sheet. This fact sheet provides a description of the remedy selected for the ARP OU at the Savannah River Site (SRS).

Disposal activities at ARP OU began in the early 1950s but the specific waste disposal at the unit was not documented. Field investigation and characterization of the unit identified construction rubble and an ash material as the primary wastes disposed of at the unit. Based on the results of the Phase II characterization, the ARP OU has been divided into three subunits: the Piles Area, the Ash Area and the Trenches Area. The Piles Area, located on the eastern side of the unit, contains many small mounds of construction debris 2 to 5 ft high, covering a total area of approximately 2.3 acres. The Ash Area is located in the central portion of the unit and is approximately 1.8 acres. The Trenches Area is approximately 1.6 acres located in the westernmost portion of the ARP OU. It consists of a wooded area containing construction debris and a grassy area under a powerline right-of-way. The T-shaped disposal trench is approximately 8 to 12 ft deep, 40 ft wide, and 300 ft long and covers much of the area.

The remedy consists of the following components:

- The selected alternative for the Piles Area subunit is Removal and Disposal of a Lead Hot Spot and Polychlorinated Biphenyl/Polycyclic Aromatic Hydrocarbon (PCB/PAH) Waste Pile.
- The selected alternative for the Ash Area subunit is Institutional Controls.
- The selected alternative for the Trenches Area subunit is Active Soil Vapor Extraction (ASVE), Institutional Controls, and 1-foot Soil Cover.

There will be no health hazards posed to off-site communities as a result of this remedial action.

The Pre-construction Fact Sheet for the SRS ARP OU is available at the following locations: DOE Public Reading Room at the Gregg-Graniteville Library at the University of South Carolina (USC)-Aiken campus in Aiken, SC; Thomas Cooper Library Government Documents Department at USC in Columbia, SC; Reese Library at Augusta State University in Augusta, GA; and Asa H. Gordon Library at Savannah State University in Savannah, GA.

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